

CLAIMS

What Is Claimed Is:

- 5 1. An implantable medical device comprising:
 a parameter storage unit that is operative to store parameter
 data corresponding to at least two operating configurations;
 a receiver that is operative to receive communication signals
 from an external device; and
10 a controller that is connected to the parameter storage unit
 and to the receiver and that controls the operation of the
 implantable medical device according to a selected one of the
 operating configurations, wherein the controller is responsive to
 receipt of a reset signal by the receiver to retrieve parameter data
15 from the parameter storage unit corresponding to another of the
 operating configurations and to implement the parameter data to
 change the operating configuration.
2. The device of claim 1, wherein the parameter storage unit
20 comprises a current state pointer for identifying a current operating
 configuration.
3. The device of claim 1, wherein the operating configurations
 in the parameter storage unit are ordered such that one of the stored
25 operating configurations is selected according to its order in the
 parameter storage unit as the current operating configuration.
4. The device of claim 1, wherein the receiver is configured to
 communicate with an external programmer.

5. A method for controlling operation of an implantable medical device, the method comprising:

maintaining at least two sets of parameters representative of at least two programming states comprising a current programming state and at least one other programming state;

receiving a reset signal for resetting the programming state of the implantable device;

retrieving the corresponding set of parameters based on the received reset signal; and

implementing the retrieved set of parameters to alter the operation of the implantable device.

6. The method of claim 5, wherein receiving a reset signal comprises receiving a reset signal from an external programmer.

7. The method of claim 5, wherein receiving a reset signal comprises receiving a reset signal corresponding to one of the programming states.

8. The method of claim 5, wherein implementing the retrieved set of parameters comprises programming functional components of the implantable device in accordance with the parameters of the selected programming state.

9. An implantable medical device comprising:
- means for storing a plurality of sets of parameter data corresponding to respective operating configurations;
 - means for receiving communication signals from an external device;
 - means for controlling the implantable medical device according to a selected one of the operating configurations by implementing a corresponding set of parameter data; and
 - means for changing operating configurations by implementing a new set of parameter data in response to receipt of a reset signal from the external device.

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